

Title (en)
Cylindrical battery

Title (de)
Zylindrische Batterie

Title (fr)
Batterie cylindrique

Publication
EP 1717895 B1 20071226 (EN)

Application
EP 06113028 A 20060425

Priority
KR 20050034226 A 20050425

Abstract (en)
[origin: EP1717895A1] A cylindrical battery including a wound electrode assembly and a center pin disposed in a center space of the electrode assembly, the center pin having a gap along its length, the gap defined by opposing edges of the center pin, wherein at least one of the opposing edges is sloped.

IPC 8 full level
H01M 10/04 (2006.01); **H01M 10/05** (2010.01); **H01M 10/052** (2010.01); **H01M 10/0587** (2010.01); **H01M 10/40** (2006.01); **H01M 50/107** (2021.01)

CPC (source: EP KR US)
H01M 10/0431 (2013.01 - EP US); **H01M 10/052** (2013.01 - KR); **H01M 10/0525** (2013.01 - EP US); **H01M 10/0587** (2013.01 - EP KR US); **H01M 50/107** (2021.01 - EP KR US); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Cited by
EP2448053A1; EP2320496A4; EP3849005A4; US10263291B2; US9543562B2; WO2016012294A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1717895 A1 20061102; EP 1717895 B1 20071226; CN 100511812 C 20090708; CN 1874043 A 20061206; DE 602006000359 D1 20080207; DE 602006000359 T2 20081211; JP 2006310286 A 20061109; JP 4787046 B2 201111005; KR 100696785 B1 20070319; KR 20060111843 A 20061030; US 2006257735 A1 20061116; US 7542266 B2 20090602

DOCDB simple family (application)
EP 06113028 A 20060425; CN 200610099844 A 20060425; DE 602006000359 T 20060425; JP 2006092154 A 20060329; KR 20050034226 A 20050425; US 41030706 A 20060425